

5/3/2018

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C60-OH

Job Sheet 176955



Part No: C60-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 6,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/3/18

Job Tracking No: RA266 SN: 2434-02

Due Date: 5/18/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: **hook dropped from 4000ft
landing in soft sand

Note: DWG C60 Rev. 2 IPP Rev. B 18.04.19 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup	Run	Workcenter / Supplier	Lead Time	
					hrs	Hrs			
100	Start up Operation	1 Ea	5/18/18	5/18/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs	5/18/18	5/18/18	0.00	1.00	Small Fab-9		A.P
120	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC5		SB
130	Customer Acceptance	1 pcs	5/18/18	5/18/18	0.00	0.00			
140	Outsource	1 pcs	5/18/18	5/18/18	0.00	0.00	outsourcing 2 Sky Service Pow...		
150	Packaging	1 pcs	5/18/18	5/18/18	0.00	0.00	Packaging2		
160	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC6		
170	Small Fab	1 pcs	5/18/18	5/18/18	0.00	1.00	Small Fab-9		AP
180	QC	1 pcs	5/18/18	5/18/18	0.00	0.00	QC5		
190	Packaging	1 pcs	5/18/18	5/18/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea	5/18/18	5/18/18	0.00	0.00	QC21		

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. TEST ASSEMBLY.

Groupe Altech - P0040533 CT 18-07-18.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C60-AR	Remote Cargo Hook	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-1/4 20-3/8	Set Screw	2 Ea (2 ea)	170-Small Fab	5075264
188-FSCS-1032-5/8	Screw	4 Ea (4 ea)	170-Small Fab	5078378
188-FSCS-1032-5/8	Heat Shrink	1 ft (1 ea)	170-Small Fab	5096187
188-FSCS-1032-5/8	16-14 AWG Knife Connector	2 Ea (2 ea)	170-Small Fab	5041618
600-1300-A	CANAM Plate ID Label	1 pcs (1 ea)	170-Small Fab	
600-1300-A	Label	1 Ea (1 ea)	170-Small Fab	
600-1300-A	Caution Sticker	1 Ea (1 ea)	170-Small Fab	5098056
AN4-23A	Bolt	2 Ea (2 ea)	170-Small Fab	5098056
AN5-21A	Bolt	4 Ea (4 ea)	170-Small Fab	5093603
C45-10-1	Stain Relief Connector	1 Ea (1 ea)	170-Small Fab	5085251
C45-10-1	Label Rivets	2 Ea (2 ea)	170-Small Fab	
C45-10-1	Manual Knob Release	1 Ea (1 ea)	170-Small Fab	
C45-10-1	Spring Pin	1 Ea (1 ea)	170-Small Fab	5040658
C45-11-2	Locating Pin	2 Ea (2 ea)	170-Small Fab	5054326
C45-12-1	Lock Bushing	2 Ea (2 ea)	170-Small Fab	5041795

Plax 5/3/18 1:14 PM Dart.Gagnon.Michelle

DART
AEROSPACE

Container No: S069150



Part: C60

Job No: 176955

Serial No/Batch: S069150

Revision: 2

Inspector:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/07/18

C45-12-2	Lock Shaft	1 Ea (1 ea)	170-Small Fab
C45-12-3	Lock Roller	1 Ea (1 ea)	170-Small Fab
C45-12-6	Lock Roller Pin	1 Ea (1 ea)	170-Small Fab
C45-12-6	Retaining Ring	2 Ea (2 ea)	170-Small Fab
C45-13-1	Keeper Bushing	2 Ea (2 ea)	170-Small Fab
C45-13-2	Spacer	2 Ea (2 ea)	170-Small Fab
C45-13-3	Keeper Shaft	1 Ea (1 ea)	170-Small Fab
C45-13-4	Keeper	1 Ea (1 ea)	170-Small Fab
C45-13-5	Keeper Spring	1 Ea (1 ea)	170-Small Fab
C45-13-6	Actuator	1 Ea (1 ea)	170-Small Fab
C45-3-12	DU Bearing	1 Ea (1 ea)	170-Small Fab
C45-3-2	Latch Roller Pin	1 pcs (1 ea)	170-Small Fab
C45-3-2-1	Snap Ring	2 Ea (2 ea)	170-Small Fab
C45-3-3	Latch Roller	1 Ea (1 ea)	170-Small Fab
C45-3-4	Pin	2 Ea (2 ea)	170-Small Fab
C45-3-4-1	Retaining Ring	4 Ea (4 ea)	170-Small Fab
C45-3-5	Spacer	2 Ea (2 ea)	170-Small Fab
C45-3-6	Latch	1 Ea (1 ea)	170-Small Fab
C45-3-7	Link	1 pcs (1 ea)	170-Small Fab
C45-3-8A	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab
C45-3-8B	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab
C45-3-9	Lever Spring	1 pcs (1 ea)	170-Small Fab
C45-4-1	Trunnion Bushing	2 Ea (2 ea)	170-Small Fab
C45-4-1A	C45 Load Beam Assembly	1 Ea (1 ea)	170-Small Fab
C45-4-5	Loadbeam Spacer	1 Ea (1 ea)	170-Small Fab
C45-5-1	Lever Stop Pin	1 Ea (1 ea)	170-Small Fab
C45-5-2	Lever Stop	1 pcs (1 ea)	170-Small Fab
C45-7-1	LOADBEAM BUMPER	1 Ea (1 ea)	170-Small Fab
C45-7-2	Lock Bumper	2 Ea (2 ea)	170-Small Fab
C45-8-1-2	Solenoid Nut	2 Ea (2 ea)	170-Small Fab
C45-8-2	Solenoid	1 Ea (1 ea)	170-Small Fab
C45-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab
C45-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab
C45-9-1	Clock Spring Cover	1 pcs (1 ea)	170-Small Fab
C45-9-2	Clock Spring	1 pcs (1 ea)	170-Small Fab
C60-10-2	Lock Spring	1 Ea (1 ea)	170-Small Fab
C60-11-1	Side Plate Solenoid	1 Ea (1 ea)	170-Small Fab
C60-12-3	Lock	1 Ea (1 ea)	170-Small Fab
C60-2-1	Side Plate	1 Ea (1 ea)	170-Small Fab
C60-3-1	Radial Bearing	2 Ea (2 ea)	170-Small Fab
C60-3-10	Latch Shaft	1 pcs (1 ea)	170-Small Fab
EL-1000MM	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab
MS21044N5	3 Wire	1 ft (1 ea)	170-Small Fab
MS21044N5	Nut	1 Ea (4 ea)	170-Small Fab
MS27039-4-08	Screw	1 Ea (1 ea)	170-Small Fab
NAS1149F0563P	Washer	8 Ea (8 ea)	170-Small Fab
NAS1149F0632R	Washer	3 Ea (3 ea)	170-Small Fab

FD463P

Loctite 620 m138828
 Loctite 242 m138766
 Loctite 648 m138865
 Grease Aeroshel m138724
 SAF-T-eze m128063

5097902
 5101278
 5089305

SP29308

5097903
 5029316
 5053841

5066606

5047632
 5068056
 5097743

5029322
 5076197
 5078801
 5089520
 5078803

504365
 5097731

5029332
 5095587
 5074747

5099821

5060391

5161304

5047767
 50040307
 5039330
 5067901-1
 5048297
 5078780
 5056761

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C60	1	0	0
170-Small Fab	188-FPSS-1/4 20-3/8	2	46	0
	188-FSCS-1032-5/8	4	257	0
	2595K2	1	30	0
	32448	2	173	0
	600.1309	1	0	0
	600.1309-A	1	0	0
	600.1312	1	0	0
	AN4-23A	2	600	0
	AN5-21A	4	53	0
	C10-41	1	21	0
	C2-14-2	2	264	0
	C45-1-1	1	0	0
	C45-10-1	1	94	0
	C45-11-2	2	42	0
	C45-12-1	2	22	0
	C45-12-2	1	14	0
	C45-12-4	1	0	0
	C45-12-5	1	0	0
	C45-12-6	2	48	0
	C45-13-1	2	0	0
	C45-13-2	2	86	0
	C45-13-3	1	0	0
	C45-13-4	1	0	0
	C45-13-5	1	95	0
	C45-3-11	1	13	0
	C45-3-12	1	17	0
	C45-3-2	1	0	0
	C45-3-2-1	2	58	0
	C45-3-3	1	0	0
	C45-3-4	2	24	0
	C45-3-4-1	4	164	0
	C45-3-5	2	80	0
	C45-3-6	1	3	0
	C45-3-7	1	0	0
	C45-3-8A	1	0	0
	C45-3-8B	1	0	0
	C45-3-9	1	0	0
	C45-4-1	2	2	0
	C45-4-4A	1	0	0
	C45-4-5	1	14	0
	C45-5-1	1	16	0
	C45-5-2	1	0	0
	C45-7-1	1	0	0
	C45-7-2	2	2	0
	C45-8-1-2	2	0	0
	C45-8-2	1	0	0
	C45-8-4	1	1	0
	C45-8-5	1	14	0
	C45-9-1	1	0	0
	C45-9-2	1	0	0
	C60-10-2	1	32	0
	C60-11-1	1	0	0
	C60-12-3	1	0	0
	C60-2-1	1	0	0
	C60-3-1	2	8	0
	C60-3-10	1	0	0
	EL-PLUG-M	1	56	0
	EL314-SJTOW	1	1,007	0
	MS21044N5	4	99	0
	MS27039-4-08	1	86	0
	NAS1149F0563P	8	753	0
	NAS1149F0632P	3	643	0

5/3/2018

[Dart Hawkesbury] Job Sheet - Gagnon-Donovan, Michelle

Part Specifications
Specifications could not be found.

Plex 5/3/18 1:14 PM Dart.Gagnon.Michelle

Inspection Sheet Complete **RA266**

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
C60	2434-02	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S062986	OVERHAUL - Make note: this hook was dropped from 4000 ft and landing in soft sand
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040197

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040197
PO Date: 6/13/18
Due Date: 6/28/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Baker, Diane
Phone: dbaker@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	177402	C2-OH	C-Series Remote Hook 2,000 lbs Lift Capacity	Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
2	176843	C3-OH	C-Series Remote Hook 3,000 lbs Lift Capacity	Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	176988			Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	178053			Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						3	0	3		\$534.00
3	176958	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity	Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	177403	✓		Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
4	176846	C20-OH	C-Series Remote Hook 20,000 lb Lift Capacity	Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
5	176289	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity	Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
	176955	✓		Firmed	6/29/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Sub Total:						2	0	2		\$356.00
Grand Total:									\$1,602.00	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

NDT MWO36497 , 9 ASSEMBLIES

Task: 1 MWO36497

Problem:

CARRY OUT NDT ON :

2 C-SERIES REMOTE HOOK P/N : C10-OH , J/S : 177403 , 176958 ✓
 1 C-SERIES REMOTE HOOK P/N : C2-OH J/S : 177402 ✓
 3 C-SERIES REMOTE HOOK P/N : C3-OH J/S : 176843 , 176988 , 178053 ✓
 1 C-SERIES REMOTE HOOK P/N : C20-OH J/S : 176846 ✓
 2 C-SERIES REMOTE HOOK P/N : C60-OH J/S : 176289 , 176955 ✓

Action Taken:

LIQUID PENETRANT & MAGNETIC PARTICLES INSPECTION CARRIED OUT AS PER ASTM ASTM E-1444M-16 & E-1417M-16

CRACK FOUND ON : IDENTIFIED PART WITH RED TAG IN J/S : 176289

MAGBENCH S/N 208123 CAL DUE: 7-JULY-2018

POWDER 14A BATCH# MPO13600

CARRIER II BATCH# MPO13923

BLACK LIGHT - M20186

PEN ZL-37, MPO13139, CLEANER SKC-S MPO15030 , DEV. MPO15030 , EMU.(ZR-10B,MPO15896) BLACK LIGHT - M20186

	Total For This Task:	.00
NDT MWO36497 , 9 ASSEMBLIES - Fixed Labor		
	1	1,602.00
Labor:		1,602.00
NDT MWO36497 , 9 ASSEMBLIES Total:		1,602.00
Totals:		
Sub-Total:		1,602.00 CAD
GST:		80.10 CAD
QST:		159.80 CAD
Total Charges:		1,841.90 CAD
G.S.T. Registration Number 14149 4898 RT0001 Q.S.T. Registration Number 1019297914 TQ0001 BC P.S.T. Registration number: PST-1008-4786		

CAS
38
9-89



Remote Cargo Hook Test Form

C60

Work Order 176955

Customer _____

Serial Number 2434-02

Date 2018/06/05

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	9.3 Amp.	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	Pass
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	9.5 Amp.	Pass
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	8.5 Amp.	Pass
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	11.6 Amp.	Pass
1	6,000	Manual		N/A	Pass
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.9 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By:

Luc Larivière

Signature: _____

QC 5 Small FAB / QA

Submit



Remote Cargo Hook Test Form

C60

Work Order _____

Customer _____

Serial Number _____

Date _____

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	Amp.	
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	Amp.	
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	Amp.	
1	6,000	Manual		N/A	
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	Ohms	
1	N/A	Electircal Continuity	Across both wires	N/A	

Test Conducted By _____

Signature: _____

QC 5 Small FAB / QA

Submit



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO040533

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040533
PO Date: 7/18/18
Due Date: 7/23/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pytm Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	176955	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 - Bake after plating - Certificate of Conformity is required	Firmed	-	7/23/18	1 pcs	0 pcs	1 pcs	\$350.00/pcs	\$350.00
									1 x 18-07-24		
2	178230	RB6891195-12	Adapter -Issue P/O to GROUPE ALTECH; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Certificate of Conformity is required	Firmed	-	7/23/18	6 pcs	0 pcs	6 pcs	\$20.00/pcs	\$120.00
3	176988	C3-OH	C-Series Remote Hook 3,000 lbs Lift Capacity See attached drawings labelled as "1"	Firmed	-	7/23/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
									1 x 1518-07-24		

Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	178053	C3-OH	C-Series Remote Hook 3,000 lbs Lift Capacity See drawings labelled "2"	Firmed	-	7/23/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
5	178456	C3-OH	C-Series Remote Hook 3,000 lbs Lift Capacity See drawings labelled "3"	Firmed	-	7/23/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
6	178234	RB6891195-5	Housing --Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	-	7/23/18	6 pcs	0 pcs	6 pcs	\$20.00/pcs	\$120.00
Grand Total:											\$1,040.00
Order Notes											
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.											

Plex 7/20/18 1:46 PM dart.tsimiklis.chrisoula

CT.



Certificat de Conformité / Certificate of Compliance

(011230-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

011230- 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
24-Jul-2018		Aman		040533				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C60-OH ✓ Rev.	C60-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL-200 LOT	1	1 ✓	0	0	0
3	C3-OH ✓ Rev.	C3-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL LOT	1	1 ✓	0	0	0
4	C3-OH ✓ Rev.	C3-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL LOT	1	1 ✓	0	0	0
5	C3-OH ✓ Rev.	C3-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL LOT	1	1 ✓	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

Work Order

176955

Customer

Serial Number

2434-02

Date

2018/08/30

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	7.5 Amp.	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.6 Amp.	Pass
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	7.6 Amp.	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.6 Amp.	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	8.0 Amp.	Pass
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	7.4 Amp.	Pass
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	10.4 Amp.	Pass
1	6,000	Manual		N/A	Pass
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	2.0 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By

Francis Lacroix

Signature:

Jasen Lacroix
QC 5 Small FAB / QA**Submit**

